

S3 BLOCK 8 REVISION

TOPIC	INTERACTIVE LINKS	TEXT LINKS
NUMBER	9.2.1 Place Value and Neg. Nos. 9.2.2 Addition and Subtraction 9.2.3 Multiplication and Division 9.2.4 Problems in Context	9.2 Basic Operations
PYTHAGORAS	9.15.1 Pythagoras' Theorem	9.15 Trigonometry (15.1 ONLY)
ANGLES	9.12.1 Recap: Angles and Scale Drawing	9.12 Constructions & Loci
ROUNDING AND TOLERANCE	9.14.1 Rounding 9.14.2 Estimation 9.14.3 Calculator Use M1.2 Upper and Lower Bounds 9.14.4 Error Propagation	9.14 Estimation & Approximation
FRACTIONS, DECIMALS AND PERCENTAGES	9.4.1 Equivalent Fractions 9.4.2 Fractions of Quantities 9.4.3 Operations with Fractions 9.4.4 Fraction, Decimal and Percentage Equivalents 9.4.5 Percentage Increases and Decreases N2. 6 More Complex Percentages N2. 7 Percentage Increase and Decrease N2. 8 Compound Interest and Depreciation N2. 9 Reverse Percentage Problems	9.4 Fractions & Percentages
DATA	9.16.1 Averages 9.16.2 Grouped Data 9.16.3 Cumulative Frequency 9.16.4 Box and Whisker Plots	9.16 Cumulative Frequency

S3 BLOCK 9 REVISION

TOPIC	INTERACTIVE LINKS	TEXT LINKS
LINEAR GRAPHS, EQUATIONS	9.5.1 Coordinates 9.5.2 Straight Line Graphs 9.5.3 Linear Equations 9.5.4 Parallel and Perpendicular Lines 9.5.5 Simultaneous Equations 9.5.6 Equations in Context	9.5 Linear Graphs & Equations
SIMILARITY	8.19.1 Enlargement 8.19.2 Similar Shapes 8.19.3 Line, Area and Volume Scale Factors	8.19 Similarity
TRANSFORMATIONS	9.7.1 Shapes 9.7.2 Translations 9.7.3 Enlargements 9.7.4 Reflections 9.7.5 Rotations 9.7.6 Combining Transformations	9.7 Transformations
TRIG	9.15.2 Trigonometric Functions 9.15.3 Calculating Sides 9.15.4 Calculating Angles	9.15 Trigonometry
DATA	9.8.1 Data Collection, Extraction and Presentation 9.8.2 Statistical Measures 9.8.3 Plotting Scatter Diagrams 9.8.4 Lines of Best Fit 9.8.5 Equation of the Line of Best Fit	9.8 Statistical Diagrams

S3 BLOCK 10 REVISION

TOPIC	INTERACTIVE LINKS	TEXT LINKS
PROBABILITY	9.6.2 The Probability of a Single Event 9.6.3 The Probability of Two Events 9.6.4 Theoretical and Experimental Probabilities	9.6 Probability
INDICES	9.3.1 Index Notation 9.3.2 Laws of Indices 9.3.3 Negative Indices 9.3.5 Fractional Indices	9.3 Indices & Standard Form
SEQUENCES	9.10.1 Constant Differences 9.10.2 Finding the Formula for a Linear Sequence 9.10.3 Second Differences and Quadratic Sequences 9.10.4 Special Sequences	9.10 Sequences
ALGEBRA	9.11.1 Equations, Formulae and Identities 9.11.2 Simplifying Expressions (Single/Double Brackets) 9.11.3 Factorising 9.11.4 Using Formulae	9.11 Algebraic Manipulation
	9.13.1 Linear Inequalities	9.13 Graphs, Equations & Inequalities
QUADRATIC FUNCTIONS	9.17.2 Quadratic Equations: Factorisation 9.17.3 Quadratic Equations: Completing the Square	9.17 Quadratic Functions

The preceding pages contain links to pages from the excellent 'Centre for Innovation in Mathematics Teaching' website.

<http://www.cimt.org.uk/>

These links can be used to supplement and extend the work done in class. They are not a substitute for hard graft in the classroom.

The Centre for Innovation in Mathematics Teaching (CIMT) was established in 1986. The centre is a focus for research and curriculum development in Mathematics teaching and learning, with the aim of unifying and enhancing mathematical progress in schools and colleges. This CIMT Web-site was started in May 1995, and moved to University of Plymouth servers at the end of July 2005.

Mathematics Enhancement Programme (MEP)

This has been the Centre's main focus over the past few years. The Mathematics Enhancement Programme set out to implement in UK schools the findings of international research. As well as detail of the philosophy and style of teaching advocated, there is also a full set of curriculum resources for Primary and Secondary schools, including pupil texts, lesson plans, classroom resources, assessment materials and on-line interactive resources.

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